SIMTEK6299

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
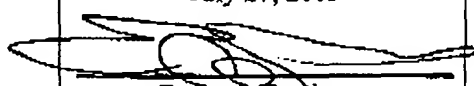
In re Application of
    Tatsuya, Anma
    Tadashi Takano

App. No.:   09/683997

Filed: March 11, 2002

Conf. No.:   4716

Title: PERMANENT MAGNET TYPE
    THREE-PHASE AC ROTARY
    ELECTRIC MACHINE

Examiner: D. Le

Art Unit: 2834

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

> I hereby certify that this correspondence and all marked attachments are being deposited with the United States Patent Office via fax to (703) 872-9319 on:
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REQUEST FOR RECONSIDERATION

Dear Sir:

In response to the Final Office Action, dated May 27, 2003, the Examiner is solicited to reconsider his grounds of rejection and to favorably act upon this case in light of the following remarks:

REMARKS

The claims are all submitted for reconsideration without further amendment. For the reasons as set out below, it is submitted that they patentably distinguish over the art of record

In the Final Rejection, claim 1, the sole independent claim and a number dependent claims are rejected on the combination of Naoki in view of Nishio et al. The Examiner rightly admits that Naoki does not disclose or suggest the alternate winding directions of the coils on the respective pole teeth. This is an important feature of applicants' invention. This is done to avoid to avoid the undesirable generation of a circulating current caused by a different impedance of the individual coils in applicants' construction.

In Naoki, on the other hand, the coils are connected form one tooth to the next tooth and all coils on the individual teeth must be in the same direction. Thus to use the alternate winding of Nishio would destroy the very purpose of the basic Naoki reference. It is well established that the modification of one reference in a why to defeat its intended purpose is not obvious and clearly is a modification that one skilled in the art would make in light of the teachings of the references. The Examiner has pointed